

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claim in the application.

Listing of the Claims:

1-20. (Canceled)

21. (New) A method of providing access to data that is periodically transmitted by a broadcaster in a broadcast system, said method comprising:

receiving, by a receiver in said broadcast system, a selection that identifies a first data portion in a plurality of data portions that are periodically transmitted by said broadcaster in said broadcast system;

determining whether said first data portion is available in a storage used to store said periodically transmitted data;

providing access to said first data portion in said broadcast system when said determining determines that said first data portion is available in said storage;

storing said first data portion in said storage when said determining determines that said first data portion is not available in said storage;

sending a notification when said first data portion is stored in said storage device and becomes available for access; and

providing access to said first data portion after said notification is sent.

22. (New) A method as recited in claim 21, wherein said method further comprises:

receiving a request for updates of said first data portion;

determining whether said first data portion has been updated; and


sending an update notification when said first data portion has been updated.

23. (New) A method as recited in claim 22, wherein said method further comprises:

receiving a subscription request for updates to said first data portion; and

determining whether said data portion has been updated; and

sending an update notification when said determining determines that said first data portion has been updated.

24. (New) A method as recited in claim 23, wherein said method further comprises:
receiving a request to cancel said subscription request.
25. (New) A method as recited in claim 21,
wherein said access to said first data portion is provided by creating a file
system that represents data transmitted by said broadcaster, and
wherein a set of input and output operations are provided for said file
system.
26. (New) A method as recited in claim 21, wherein said access to said first data
portion is provided by creating an object file that represents the data transmitted by said
broadcaster.
-  27. (New) A method as recited in claim 26, wherein said data object is implemented
as a carousel file.
28. (New) A method as recited in claim 27, wherein said carousel file is
implemented as a Java™ carousel class that is compliant with Java™ Programming
language.
29. (New) A method as recited in claim 28, wherein said method further comprises:
instantiating a carousel file object;
initiating a read operation on the carousel file object; and
waiting until the read operation successfully completes.
30. (New) A method as recited in claim 21, wherein said access is provided by a
Java TV™ compliant Application Programming Language (API).
31. (New) A receiver suitable for accessing selected portions of data that is
periodically transmitted by a broadcaster in a broadcasting system, wherein said
receiver operates to:

receive a request for a first data portion that has been selected from a plurality of data portions that are periodically transmitted by said broadcaster in said broadcast system;

determine whether said first data portion is available in a storage used to store said periodically transmitted data;

provide access to said first data portion in said broadcast system when said determining determines that said first data portion is available in said storage;

store said first data portion in said storage when said determining determines that said first data portion is not available in said storage;

send a notification when said first data portion is stored in said storage device and becomes available for access; and

provide access to said first data portion when said notification is sent.

32. (New) A receiver as recited in claim 31, wherein said receiver further:
receives a request for updates of said first data portion;
determines whether said first data portion has been updated; and
sends an update notification when said first data portion has been updated.

33. (New) A receiver as recited in claim 31, wherein said receiver further:
receives a subscription request for receiving updates to said first data portion; and
determines whether said first data portion has been updated; and
sends an update notification when said determining determines that said data portion has been updated.

34. (New) A receiver as recited in claim 33,
wherein said access to said first data portion is provided by creating a file system that represents the data transmitted by said broadcaster, and
wherein a set of input and output operations are provided for said file system.

35. (New) A receiver as recited in claim 33, wherein said access to said first data portion is provided by creating an object that represents the data transmitted by said broadcaster.

36. (New) A receiver as recited in claim 35, wherein said data object is implemented as a carousel file.

37. (New) A receiver as recited in claim 33, wherein said carousel file is implemented as a Java™ carousel class that is compliant with Java™ Programming language.

38. (New) A computer readable medium including computer program code for providing access to data that is periodically transmitted by a broadcaster in a broadcast system, said computer readable media comprising:

computer program code for receiving, by a receiver in said broadcast system, a request for a first data portion that is periodically transmitted by said broadcaster in said broadcast system;

computer program code for determining whether said first data portion is available in a storage used to store said periodically transmitted data;

computer program code for providing access to said first data portion in said broadcast system when said determining determines that said first data portion is available in said storage;

computer program code for storing said first data portion in said storage when said determining determines that said first data portion is not available in said storage;

computer program code for sending a notification when said first data portion is stored in said storage device and becomes available for access; and

computer program code for providing access to said first data portion after said notification is sent.

39. (New) A computer readable medium as recited in claim 38, wherein said access to said first data portion is provided by creating an object that represents data transmitted by said broadcaster.

40. (New) A computer readable medium as recited in claim 39, wherein said data object is implemented as a carousel file.

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41. (New) A computer readable medium as recited in claim 39, wherein said carousel file is implemented as a JavaTM carousel class that is compliant with JavaTM Programming language.
